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NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico


AREA 640 ACRES  
LOCATE WELL CORRECTLY

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

REPUBLIC PRODUCTION COMPANY		PETROLEUM BUILDING		HOUSTON, TEXAS.	
Company or Operator		Address			
M. Yates		Well No. 4		in SE of Sec. 33, T. 17 S.	
Lease		Artesia		Eddy	
R. 28 E		N. M. P. M.		Field, County.	
990'		1650'		SE of Sec. 33.	
Well is		feet south of the North line and		feet west of the East line of	
If State land the oil and gas lease is No.		Assignment No.			
If patented land the owner is		Address			
If Government land the permittee is		Address			
The Lessee is		REPUBLIC PRODUCTION COMPANY		HOUSTON, TEXAS	
Address		6-23		19 41	
Drilling commenced		19 41		Drilling was completed 8-22-19 41	
Name of drilling contractor		Miller & Miller		Artesia, New Mexico	
Address		3656		feet.	
Elevation above sea level at top of casing		The information given is to be kept confidential until		19	

OIL SANDS OR ZONES

No. 1, from	2050	to	2065	No. 4, from		to	
No. 2, from	2079	to	2085	No. 5, from		to	
No. 3, from		to		No. 6, from		to	

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from	165	to	170	feet.	
No. 2, from	355	to	360	feet.	
No. 3, from		to		feet.	
No. 4, from		to		feet.	

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	10-3/4	270		Set and Pulled.		
10	8 1/2	509	50	Halliburton		
8	7	1892	50	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Nitro-Glycerine	180 Qts.	7-26-41	2048-2086'	2117'

Results of shooting or chemical treatment \_\_\_\_\_ Pumped 16 Bbls. oil per day.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing \_\_\_\_\_ September 6, 19 41

The production of the first 24 hours was \_\_\_\_\_ 16 \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ 100 \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_ 36 degrees at 60 degrees.

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYEES

Miller & Miller - Contractor	Driller	Driller
	Driller	Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this \_\_\_\_\_ 15th \_\_\_\_\_ day of \_\_\_\_\_ September \_\_\_\_\_, 19 41

Notary Public \_\_\_\_\_

My Commission expires \_\_\_\_\_ Sept. 11, 1943 \_\_\_\_\_

Artesia, N. M. \_\_\_\_\_ 9-10-41 \_\_\_\_\_

Name \_\_\_\_\_ N. M. BAIRD \_\_\_\_\_

Position \_\_\_\_\_ Superintendent \_\_\_\_\_

Representing \_\_\_\_\_ Republic Production Company \_\_\_\_\_

Address \_\_\_\_\_ Box 547, Artesia, New Mexico \_\_\_\_\_

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	130	/ 30	Sandy Shale
130	165	35	Clay
165	230	65	Red Beds - Shell
230	240	10	Red Beds
240	260	20	Gravel
260	320	40	Red Beds
320	344	44	Red Beds
344	386	42	Anhydrite
386	400	14	Lime
400	465	65	Anhydrite
465	490	25	Red Beds - Anhydrite
490	509	19	Anhydrite and Red Rock
509	525	16	Anhydrite
525	550	25	Red Beds
550	775	25	Anhydrite
775	780	5	Lime Shells - Slight Show Oil
780	925	<del>55</del> 45	Anhydrite
925	950	25	Lime - Anhydrite
950	1310	360	Anhydrite
1310	1340	30	Red Sand
1340	1490	50	Anhydrite
1490	1495	5	Sandy Red Rock
1495	1785	290	Anhydrite
1785	2050	265	Oil Sand
2050	2117	67	Lime